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DOCKET NO.: 9491-066-27 CONT

ASSISTANT COMMISSIONER FOR PATENTS  
PO BOX 1450  
ALEXANDRIA, VA 22313-1450

Re: Serial No.: 10/646,760  
Applicant(s): Kevin P. BAKER, et al.  
Filing Date: August 25, 2003  
For: PROTEIN TYROSINE KINASES

SIR:

Attached hereto for filing are the following papers:

Information Disclosure Statement  
PTO-1449

Our check in the amount of \$ 0.00 is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary extension of time to make the filing of the attached documents timely, please charge or credit the difference to Deposit Account No. 50-1442. Further, if these papers are not considered timely filed, then a request is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

PIPER RUDNICK LLP

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Steven B. Kelber  
Attorney of Record  
Registration No.: 30,073

Patrick R. Delaney  
Registration No.: 45,338

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION: Kevin BAKER, et al.

GROUP ART UNIT:

SERIAL NUMBER: 10/646,760

EXAMINER:

FILED: August 25, 2003

FOR: PROTEIN TYROSINE KINASES



INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Assistant Commissioner for Patents  
PO BOX 1450  
ALEXANDRIA, VA 22313-1450

Sir:

Applicant(s) wish(es) to disclose the following information.

REFERENCES

- Applicant(s) wish(es) to make of record the documents listed on the attached Form PTO-1449. References AA-CN are of record in parent application U.S. Serial No. 09/223,490, filed December 30, 1998, now allowed. Copies of the listed documents are attached, where required, as are either statements of relevancy or any readily available full or partial English translations of any non-English-language documents.

RELATED CASES

- Attached is a list of Applicant's(s') pending applications and issued patents which may be related to the present application. Copies of the documents, where required, are attached along with Form PTO-1449.

CERTIFICATION

The undersigned certifies that

- each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application for the first time (to the knowledge of the undersigned, having made reasonable inquiry) not more than three months prior to the filing of this statement.
- no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement.

BASIS FOR CONSIDERATION

This Information Disclosure Statement is filed:

- without fee and within three months of the filing date of the application.
- without fee and within three months of the date of entry of the U.S. national stage.
- without fee and before the mailing date of a first Office Action on the merits (to the knowledge of the undersigned).
- without fee and with the appropriate certification above.
- without fee and with a new CPA application.

DEPOSIT ACCOUNT

- Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 50-1442.

Respectfully submitted,

PIPER RUDNICK LLP

A handwritten signature in black ink, appearing to read "Steven B. Kelber".

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Form PTO 1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		DOCKET NO. 9491-066-27 CONT		SERIAL NO. 10/646,760			
		APPLICANT Kevin P. BAKER, et al.					
		FILING DATE August 25, 2003			GROUP ART UNIT		
LIST OF REFERENCES CITED BY APPLICANT (Use Several Sheets if Necessary)							
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,677,144	10/14/97	ULLRICH et al.			
	AB	5,530,101	06/25/96	QUEEN et al.			
	AC	5,972,337	10/26/99	CERIANI ET AL.			
	AD	5,185,438	02/09/93	LEMISCHKE			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AK	455,460	11/6/91	EPO			
	AL	519,869	12/23/92	EPO			
	AM	WO 92/13948	8/20/92	WIPO			
	AN	WO 92/14748	9/3/92	WIPO			
	AO	WO 93/00425	1/7/93	WIPO			
	AP	WO 93/14124	7/22/93	WIPO			
	AQ	WO 93/15201	8/5/93	WIPO			
	AR	WO 93/23429	11/25/93	WIPO			
	AS	WO 94/19463	9/1/94	WIPO			
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	AU	Doerks et al. Protein annotation: detective work for function prediction. Trends in Genetics, June 1998, Vol. 14, No. 6, pages 248-250					
	AV	Brenner et al., Errors in Genome Annotation. Trends in Genetics, 1999, 15: 132-133					
	AW	Bork et al., Go Hunting in sequence databases but watch out for the traps, Trends in Genetics, 1996, 12: 425-427					
	AX	"Chapter 16: Expression of Cloned Genes in Cultured Mammalian Cells" <u>Molecular Cloning: A Laboratory Manual</u> , Sambrook et al., Second edition, Cold Spring Harbor Laboratory Press Vol. 3: 16.2-16.30 (1989)					
EXAMINER					DATE CONSIDERED		
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AY	"Chapter 17: Expression of Cloned Genes in Escherichia coli", <u>Molecular Cloning: A Laboratory Manual</u> , Sambrook et al., Second edition, Cold Spring Harbor Laboratory Press Vol. 3:17.2-17.28 (1989)		
AZ	Aroian et al., "The let-23 Gene Necessary for Caenorhabditis elegans Vulval Induction Encodes a Tyrosine Kinase of the EGF Receptor Subfamily", <u>Nature</u> 348:693-699 (1990)		
BA	Birchmeier et al., "Characterization of an Activated Human ros Gene", <u>Molecular &amp; Cellular Biology</u> 6(9): 3109-3116 (1986)		
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BC	Capon et al., "Designing CD4 Immuno adhesins for AIDS Therapy", <u>Nature</u> 337:525-531 (February 9, 1989)		
BD	Dai et al., "Molecular Cloning of a Novel Receptor Tyrosine Kinase, tif, Highly Expressed in Human Ovary and Testis", <u>Oncogene</u> 9: 975-979 (1994)		
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BJ	Hanks et al., "The Protein Kinase Family: Conserved Features and Deduced Phylogeny of the Catalytic Domains", <u>Science</u> 241:42-52 (1988)		
BK	Hao et al., "Isolation and Sequence Analysis of a Novel Human Tyrosine Kinase Gene", <u>Molecular &amp; Cellular Biology</u> 9(4): 1587-1593 (1989)		
BL	Hart et al., "Extracellular Domain of the Boss Transmembrane Ligand Acts as an Antagonist of the Sev Receptor", <u>Nature</u> 361:732-736 (1993)		
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Kevin P. BAKER, et al.

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BZ	Ohashi et al., "Cloning of the cDNA for a Novel Receptor Tyrosine Kinase, Sky, Predominantly Expressed in Brain", <u>Oncogene</u> 9:699-705 (1994)			
CA	Paborsky et al., "Mammalian Cell Transient Expression of Tissue Factor for the Production of Antigen", <u>Protein Eng.</u> 3(6):547-553 (1990)			
CB	Park et al., "Sequence of MET Protooncogene cDNA has Features Characteristic of the Tyrosine Kinase Family of Growth-Factor Receptors", <u>Proc. Natl. Acad. Sci. USA</u> 84:6379-6383 (1987)			
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CE	Polvi et al., "The Human TYRO3 Gene and Pseudogene are Located in Chromosome 15q14-q25", <u>Gene</u> 134:289-293 (1993)			
CF	Pulido et al., "Etrk, a Drosophila Gene Related to the trk Family of Neurotrophin Receptors, Encodes a Novel Class of Neural Cell Adhesion Molecule", <u>EMBO Journal</u> 11(2):391-404 (1992)			
CG	Rescigno et al., "A putative receptor tyrosine kinase with unique structural topology", <u>Oncogene</u> 6:1909-1913 (1991)			
CH	Sarup, "Characterization of an Anti-P185 <sup>ner2</sup> Monoclonal Antibody that Stimulates Receptor Function and Inhibits Tumor Cell Growth", <u>Growth Regulation</u> 1:72-82 (1991)			
CI	Schlessinger et al., "Growth factor signaling by receptor tyrosine kinases", <u>Neuron</u> 9:383-391 (1992)			
CJ	Stark et al., "FGFR-4, a new member of the fibroblast growth factor receptor family, expressed in the definitive endoderm and skeletal muscle lineages of the mouse", <u>Development</u> 113:641-651 (1991)			
CK	Taylor et al., "Mouse Mammary Tumors Express Elevated Levels of RNA Encoding the Murine Homolog of SKY, a Putative Receptor Tyrosine Kinase", <u>The Journal of Biological Chemistry</u> 270(12):6872-6880 (March 24, 1995)			
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CM	Wilks et al., "The application of the polymerase chain reaction to cloning members of the protein tyrosine kinase family", <u>Gene</u> 85:67-74 (1989)			
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CO	Zerlin et al., "NEP:a novel receptor-like tyrosine kinase expressed in proliferating neurepithelia", <u>Oncogene</u> 8(10):2731-2739 (October 1993)		
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CQ	Eager, KB, Molecular characterization of human trk proto-oncogene product monoclonal antibodies, <u>Oncogene</u> , (1991), 6, 819-824		
CR	Queen, C, et al., "A humanized antibody that binds to the interleukin 2 receptor", <u>Proc. Natl. Acad. Sci. USA</u> , 1989, Vol. 86, 10029-10033		
CS	Tartaglia, LA, "Tumor Necrosis Factor Receptor Signaling", 1992, <u>J. Biol. Chem.</u> , Vol. 267 (7) 4304-4307		
CT	Mikayama T., "Molecular cloning and functional expression of a cDNA encoding glycosylation-inhibiting factor", <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 90, pp. 10056-10060, 1993		
CU	Voet et al., <u>Biochemistry</u> , 1990, John Willey & Sons, Inc., pp. 126-128 and 228-234		
CV	Bowie et al., "Deciphering the Mesage in Protein Sequences: Tolerance to Amino Acid Substitutions", <u>Science</u> , Vol. 247, pp. 1306-1310, 1990		
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